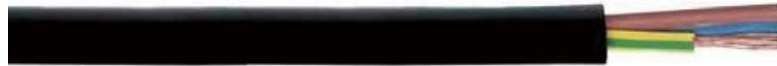


2.2 Rubber Sheathed Cable H05RN-F

$U_0/U = 300/500V$



1. Application

These cables are used in electrical equipment under low stress in dry or damp indoor or outdoor environments. They are commonly used as connection cables in horticulture tools or workshop tools that might be subject to or in contact with oils and fats. Also suitable for fixed installation in furniture, decorative coverings, wall partitions and prefabricated building parts..

2. Standard

IEC 60245, GB/T 5013

3. Description

Type	Description
60245 IEC 57 (YZW)	Cu conductor EPR insulated PCP sheathed rubber cable
Equivalent Type	
H05RN-F	

4. Cable Construction

Conductor :	Annealed copper or Tinned copper Round flexible conductor IEC 60228 Class 5
Insulation :	Ethylene Propylene Rubber (EPR) compound IE4
Sheath :	Polychloroprene/Neoprene Rubber (PCP) compound SE4

5. Technical Data



Rated Voltage : $U_0/U = 300/500V$



Test Voltage : 2000V



Conductor Temperature : Max permissible temperature in continuous use +60°C
Service Temperature : -30°C~+60°C(Max+85°C)



Min Bending Radius : Fixed 4 x Ø
Flexing 7.5 x Ø
2 cores: Brown, Blue



Core Identification : 2 cores + earth (3G): Brown, Blue + Green/Yellow
3 cores + earth (4G): Brown, Blue, Black + Green/Yellow
4 cores + earth (5G): Brown, Blue, Black, Black + Green/Yellow

6. 60245 IEC 57 (YZW) $U_0/U = 300/500V$

Number of Cores x Nominal Cross Section (mm ²)	Insulation (mm)	Sheath (mm)	Nominal Overall Diameter (mm)		Nominal Cable Weight (Kg/Km)	Max Conductor Resistance at 20°C (Ω/Km)	
			Min	Max		Cu	Tin-Cu
2 x 0.75	EPR 0.6	PCP 0.8	5.7	7.4	49	26.0	26.7
2 x 1	EPR 0.6	PCP 0.9	6.1	8.0	60	19.5	20.0
2 x 1.5	EPR 0.8	PCP 1.0	7.6	9.8	89	13.3	13.7
2 x 2.5	EPR 0.9	PCP 1.1	9.0	11.6	128	7.98	8.21
3 x 0.75	EPR 0.6	PCP 0.9	6.2	8.1	67	26.0	26.7
3 x 1	EPR 0.6	PCP 0.9	6.5	8.5	77	19.5	20.0
3 x 1.5	EPR 0.8	PCP 1.0	8.0	10.4	116	13.3	13.7
3 x 2.5	EPR 0.9	PCP 1.1	9.6	12.4	168	7.98	8.21
4 x 0.75	EPR 0.6	PCP 0.9	6.8	8.8	82	26.0	26.7
4 x 1	EPR 0.6	PCP 0.9	7.1	9.3	96	19.5	20.0
4 x 1.5	EPR 0.8	PCP 1.1	9.0	11.6	149	13.3	13.7
4 x 2.5	EPR 0.9	PCP 1.2	10.7	13.8	217	7.98	8.21
5 x 0.75	EPR 0.6	PCP 1.0	7.6	9.9	103	26.0	26.7
5 x 1	EPR 0.6	PCP 1.0	8.0	10.3	119	19.5	20.0
5 x 1.5	EPR 0.8	PCP 1.1	9.8	12.7	179	13.3	13.7
5 x 2.5	EPR 0.9	PCP 1.3	11.9	15.3	268	7.98	8.21

2.3 Rubber Sheathed Cable H05RR-F

$U_0/U = 300/500V$



1. Application

These cables are used in electrical equipment under low stress in dry, damp and wet areas. They can be found in flat irons, soldering irons, kitchen aids, toasters, stoves and in connections with light commercial electric tools. Also suitable for fixed installation in furniture, decorative coverings, wall partitions and prefabricated building parts.

2. Standard

IEC 60245, GB/T 5013

3. Description

Type	Description
60245 IEC 53 (YZ)	Cu conductor EPR insulated Rubber sheathed rubber cable
Equivalent Type	
H05RR-F	